FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: July 15, 1993 Date Received: July 9, 1993

Project: 7238, Metro Self Monitor, PO #M 29801

Date Samples Extracted: July 13, 1993 Date Extracts Analyzed: July 13, 1993

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE FOR CHROMIUM, COPPER, NICKEL AND ZINC

Samples Processed Using Method 3005 Results Reported as mg/L (ppm)

Sample ID	<u>Chromium</u>	Copper	<u>Nickel</u>	Zinc
M 29801	1.9	1.1	3.7	3.9
Quality Assurance				
Blank	< 0.05	< 0.05	< 0.05	< 0.05
M 29801 (Duplicate)	1.9	1.2	3.8	3.9
M 29801 (Matrix Spike) % Recovery	108%	99%	110%	120%
M 29801 (Matrix Spike Duplicate) % Recovery	109%	97%	110%	120%
Spike Blank % Recovery	105%	100%	105%	108%
Spike Level	5	5	10	5



RIEDMAN & BRUYA, INC.

008-B 16th Avenue West cattle, WA 98119

SAMPLE CHAIN OF CUSTODY

npany 128 HAN	1 Copper W	baks	Contact_	Gerald	Thompson			
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y, State, Zip <u>SCAHLe</u> one # <u>(206)</u> 623-5	WA 48139 5800 XZIE		Date	7-9-93				
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SITE NO.	PROJECT NAME				-	1		
7238. Medro Self monitor				M 29801 PROJECT LOCATION				
SAMPLERS (signature)	<u> </u>							
REMARKS				3200	6th Ave E DISPOSAL INFORM.			
TEMAKAS				T	Dispose after 30 days			
			Return Samples Call for Instructions					
SAMPLE #	Date/Time	Type of	# of	Lab	Analyses			
400	Sampled	Sample	Jars	Sample #	Requested			
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SIGNATURE	PRINT NAME		СОМР	ANY	Date	Time		
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FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282

DUPLICATE COPY

3008-B 16th Avenue West Seattle, WA 98119 FAX: (206) 283-5044

July 15, 1993

INVOICE #93ACU0715-1

Alaskan Copper Works 628 South Hanford Seattle, WA 98134

RE: Project 7238, Metro Self Monitor, PO #M 29801: Results of testing requested by Gerry Thompson, Project Leader and submitted on July 9, 1993.

1 water sample analyzed for Chromium, Copper, Nickel,	
and Zinc @ \$65 per sample	\$ 65.00
Amount Due	\$ 65.00

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ENVIRONMENTAL CHEMISTS

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282 3008-B 16th Avenue West Seattle, WA 98119 FAX: (206) 283-5044

July 15, 1993

Gerry Thompson, Project Leader Alaskan Copper Works 628 South Hanford Seattle, WA 98134

Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on July 9, 1993 from Project 7238, Metro Self Monitor, PO #M 29801.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

Bradley T. Benson

Chemist

BTB/dp

Enclosures